



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

L. Par K.
12-18-02
#8/Misc
PATENT
(Att. Soc. for
of Attorney)

Applicants: STRUBLE

Examiner: _____

Serial No.: 09/842,404

Group Art Unit: 3762

Filed : 04/26/2001

Docket: P-8032.00

Title : DIAGNOSTIC FEATURES IN BIATRIAL AND
BIVENTRICULAR PACING

ASSOCIATE POWER OF ATTORNEY

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Assistant Commissioner of Patents
Washington, D.C. 20231

TECHNOLOGY CENTER R3700

Sir or Madam:

Please recognize Eric R. Waldkoetter, Reg. No. 36,713, Thomas G. Berry, Reg. No. 31,736, Girma Wolde-Michael, Reg. No. 36,724, Daniel W. Lathan, Reg. No. 30,401, Kenneth J. Collier, Reg. No. 34,982, Curtis D. Kinghorn, Reg. No. 33,926, Stephen W. Bauer, Reg. No. 32,192, Michael C. Soldner, Reg. No. 41,455, John W. Albrecht, Reg. No. 40,481, and Paul H. McDowell, Reg. No. 34,873 as associate attorneys for the attached list of patent applications, including the above-captioned patent application, and having full authority to prosecute all matters in the Patent and Trademark Office. Please direct all further correspondence to: Eric R. Waldkoetter, c/o Kathy Illig, Medtronic, Inc., 710 Medtronic Parkway (MS-LC340), Minneapolis, Minnesota 55432-5604.

Respectfully submitted,

6-26-02

Date

Attachment:

List of Patent Applications (11 pages)

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06/24/2002



PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P10029.00	US				F		LW091	TFW	10/127,034 04/22/2002	

Agent: Agent Ref. No:
 TITLE: PERCISE CARDIAC LEAD PLACEMENT BASED ON IMPEDANCE MEASUREMENTS
 INVENTORS: Smits, Karel F.A.A.
 Struble, Chester L.

P10157.00	US			F		LW091	TFW	10/127,037 04/22/2002
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Agent: Agent Ref. No:
 TITLE: CARDIAC RESYNCHRONIZATION WITH ADAPTIVE A1-A2 AND OR V1-V2 INTERVALS
 INVENTORS: Grandjean, Pierre A.
 Struble, Chester L.

P10183.00	US			F		LW091	TFW	09/897,291 06/29/2001
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Agent: Agent Ref. No:
 TITLE: CATHETER SYSTEM HAVING DISPOSABLE BALLOON
 INVENTORS: Greco, Franceco
 Jorgensen, Kenneth
 Nielsen, Marianne
 Pedersen, Anders Kirstein
 Aundal, Knud

P10194.00	US			F		LW091	TFW	10/126,733 04/22/2002
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Agent: Agent Ref. No:
 TITLE: ESTIMATION OF STROKE VOLUME AND CARDIAC OUTPUT USING AN INTRACARDIAL PRESSURE SENSOR
 INVENTORS: Muhlenberg, Lambert
 Struble, Chester L.

P10282.00	US			F		LW091	TFW	10/126,710 04/22/2002
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Agent: Agent Ref. No:
 TITLE: CARDIAC OUTPUT MEASUREMENT USING DUAL OXYGEN SENSORS IN RIGHT AND LEFT VENTRICLES
 INVENTORS: Struble, Chester L.
 Muhlenberg, Lambert
 Grandjean, Pierre A.

P10283.00	US			F		LW091	TFW	10/126,816 04/22/2002
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Agent: Agent Ref. No:
 TITLE: ORGANIZING DATA ACCORDING TO CARDIAC RHYTHM TYPE
 INVENTORS: Struble, Chester L.
 Muhlenberg, Lambert
 Grandjean, Pierre A.

P10321.00	US			F		LW091	TFW	10/127,038 04/22/2002
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Agent: Agent Ref. No:
 TITLE: ATRIOVENTRICULAR DELAY ADJUSTMENT
 INVENTORS: Struble, Chester L.
 Muhlenberg, Lambert

P10344.00	US			F		LW091	TFW	10/126,638 04/22/2002
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Agent: Agent Ref. No:
 TITLE: SEAMLESS COMMUNICATION BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE SYSTEM
 INVENTORS: Houben, Richard P M
 Donders, Adrianus P. (Jos)

P10346.00	US			L F		LW091	TFW	60/331,543 11/19/2001
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Agent: Agent Ref. No:
 TITLE: METHOD FOR NON-INVASIVE FETAL CARDIAC PACING
 INVENTORS: Eick, Olaf J.
 Miehaus, Michael
 Houben, Richard P M

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06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P10408.00	US		F		LW091		TFW	10/133,466 04/29/2002	
	Agent:						Agent Ref. No:		
	TITLE: STIMULATION CONTROL FOR BRAIN STIMULATION								
	INVENTORS: Gielen, Frans L H								
P10410.00	US		L F		LW091	TFW	60/333,473 11/28/2001		
	Agent:						Agent Ref. No:		
	TITLE: METHOD TO SENSE A BRAIN SIGNAL CORRESPONDING TO PERCEPTION OF PAIN AND USE AS FEEDBACK TO CONTROL A BRAIN NEUROSTIMULATOR, DRUG INFUSION DEVICE, OR OTHER MEDICAL DEVICE								
	INVENTORS: Mullett, Keith R.								
P10410.00	US		F		LW091	TFW	10/132,508 04/26/2002		
	Agent:						Agent Ref. No:		
	TITLE: BRAIN SIGNAL FEEDBACK FOR PAIN MANAGEMENT								
	INVENTORS: Mullett, Keith R.								
P10438.00	US		F		LW091	TFW	10/131,261 04/25/2002		
	Agent:						Agent Ref. No:		
	TITLE: IMPLANTABLE ELECTROPORTION THERAPY DEVICE AND METHOD FOR USING SAME								
	INVENTORS: Ferek-Petric, Bozidar								
P10489.00	US		L F		LW091	TFW	60/336,728 12/07/2001		
	Agent:						Agent Ref. No:		
	TITLE: PRECORDIAL SUPERIOR VENA CAVA ELECTRODE ARRANGEMENT FOR AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR								
	INVENTORS: Smits, Karel F.A.A.								
P10498.00	US		L F		LW091	TFW	60/375,080 04/25/2002		
	Agent:						Agent Ref. No:		
	TITLE: PACEMAKER BLANKING BY MAGNETIC RESONANCE IMAGING (MRI) DEVICE								
	INVENTORS: Zeijlemaker, Volkert A								
P10499.00	US		L F		LW091	TFW	60/375,076 04/25/2002		
	Agent:						Agent Ref. No:		
	TITLE: MAGNETIC RESONANCE IMAGING (MRI) TRIGGERED BY THE IMPLANTING PACING SYSTEM								
	INVENTORS: Zeijlemaker, Volkert A								
P10500.00	US		L F		LW091	TFW	60/375,077 04/25/2002		
	Agent:						Agent Ref. No:		
	TITLE: TELEMETRY BLANKING FOR PACEMAKERS AND ICDs BY MAGNETIC RESONANCE IMAGING (MRI) DEVICES								
	INVENTORS: Zeijlemaker, Volkert A								
P10512.00	US		L F		LW091	TFW	60/375,081 04/25/2002		
	Agent:						Agent Ref. No:		
	TITLE: EXTERNAL PUMP CONTROLLER								
	INVENTORS: Donders, Adrianus P. (Jos) Houben, Richard P M								
P4059.01	US		F		LW091	TFW	09/558,869 04/28/2000		
	Agent:	Frank B. Dehn & Co.					Agent Ref. No:		
	TITLE: METHOD AND APPARATUS FOR INHIBITING OR MINIMIZING CALCIFICATION OF AORTIC VALVES								
	INVENTORS: Sutton, Richard								
P4517.00	US		F		LW091	TFW	09/542,258 04/03/2000		
	Agent:						Agent Ref. No:		
	TITLE: DUAL CHAMBER PACING SYSTEM HAVING TIME-ADAPTIVE AV DELAY								
	INVENTORS: Struble, Chester L. Heynen, Henri G.								

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel.	#	Type	Status	Group	Div.	Attorney	App No	Pat No.
P4566.00	US				F		LW091	TFW	09/721,881	11/27/2000	

Agent: Agent Ref. No:
TITLE: STENTS AND METHODS FOR PREPARING STENTS FROM WIRES HAVING HYDROGEL COATING
LAYERS THEREON
INVENTORS: Verhoeven, Michel
Cahalan, Patrick T.
Cahalan, Linda L.
Larik, Vincent

P4782.03	US	C	01	M	F	LW091	TFW	09/494,531 01/31/2000
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Agent: Agent Ref. No:
TITLE: SYSTEM AND METHOD FOR RESPIRATION - MODULATED PACING
INVENTORS: Renirie, Alexis C.M.
 Schouten, Vincent JA

P4971.04	US	C	01	M	F	LW091	TFW	09/433,567 11/04/1999
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Agent: Agent Ref. No:
TITLE: SYSTEM FOR PANCREATIC STIMULATION AND GLUCOSE MEASUREMENT
INVENTORS: Houben, Richard P M
 Renirie, Alexis C.M.
 Weijand, Koen J.

P4971.05 US D 02 F LW091 TFW 09/551,216
04/17/2000

Agent: Agent Ref. No:
TITLE: A SYSTEM FOR DELIVERING INSULIN
INVENTORS: Houben, Richard P M
 Renirie, Alexis C.M.
 Weijand, Koen J.

P4971.07 US C 02 F LW091 TFW 09/945,686
09/05/2001

Agent: Agent Ref. No:
TITLE: SYSTEM FOR PANCREATIC STIMULATION AND GLUCOSE MEASUREMENT
INVENTORS: Houben, Richard P M
 Renirie, Alexis C.M.
 Weijand, Koen J.

P7322.02 US D 01 F LW091 TFW 09/558,872
04/28/2000

Agent: Agent Ref. No:
TITLE: IMPLANTABLE DRUG INFUSION DEVICE HAVING A FLOW REGULATOR
INVENTORS: Renaud, Philippe
 Haller, Markus
 Amacker, Christian

P7322.04 US C 01 F LW091 TFW 09/712,237
11/15/2000

Agent: Agent Ref. No:
TITLE: IMPLANTABLE DRUG INFUSION DEVICE HAVING A FLOW REGULATOR
INVENTORS: Renaud, Philippe
 Haller, Markus
 Amacker, Christian

P7326.02 US D 01 M F LW091 TFW 09/273,457
03/22/1999

Agent: Agent Ref. NO:
TITLE: MEDICAL ELECTRICAL LEAD
INVENTORS: Woloszko, Jean
 Camps, Antoine N J M (Toine)
 Van Der Kruk, Ron

P7354.02 US P 01 M F LW091 TFW 09/494,530
01/31/2000

Agent: Agent Ref. No: TITLE: SAFTEY VALVE ASSEMBLY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION DEVICE
INVENTORS: Haller, Markus
Weijand, Koen J.

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P7354.03	US	P	02	F		LW091		TFW	09/519,563 03/06/2000	
	Agent:							Agent Ref. No:		
	TITLE: DRIVE CIRCUIT HAVING IMPROVED ENERGY EFFICIENCY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION OR DELIVERY DEVICE									
	INVENTORS: Haller, Markus Weijand, Koen J.									
P7354.06	US	D	01	F		LW091		TFW	10/132,515 04/26/2002	
	Agent:							Agent Ref. No:		
	TITLE: SAFTEY VALVE ASSEMBLY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION DEVICE									
	INVENTORS: Haller, Markus Weijand, Koen J.									
P7354.07	US	D	02	F		LW091		TFW	10/132,514 04/26/2002	
	Agent:							Agent Ref. No:		
	TITLE: SAFETY VALVES ASSEMBLY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION DEVICE									
	INVENTORS: Haller, Markus Weijand, Koen J.									
P7438.06	US	P	01	F		LW091		TFW	09/871,657 06/04/2001	
	Agent:							Agent Ref. No:		
	TITLE: DEVICES, SYSTEMS AND METHODS FOR TRANSLUMINALLY AND CONTROLLABLY FORMING INTRAMYOCARDIAL CHANNELS IN CARDIAC TISSUE									
	INVENTORS: Dietz, Ulrich Eick, Olaf J. Duysens, Victor Darius, Harold									
P7492.01	US	D	01	F		LW091		TFW	09/746,011 12/26/2000	
	Agent:							Agent Ref. No:		
	TITLE: LAMINA PROSTHESIS FOR DELIVERY OF MEDICAL TREATMENT									
	INVENTORS: Gielen, Frans L H Knuth, Henricus M.									
P7492.02	US	D	02	F		LW091		TFW	09/746,021 12/26/2000	
	Agent:							Agent Ref. No:		
	TITLE: LAMINA PROSTHESIS FOR DELIVERY OF MEDICAL TREATMENT									
	INVENTORS: Gielen, Frans L H Knuth, Henricus M.									
P7553.00	US			F		LW091		TFW	09/433,564 11/04/1999	
	Agent:							Agent Ref. No:		
	TITLE: BIOLOGICAL TISSUE ADHESIVES, ARTICLES, AND METHODS									
	INVENTORS: Hendriks, Marc Verhoeven, Michel Cahalan, Patrick T. Larik, Vincent									
P7553.01	US	D	01	F		LW091		TFW	10/132,516 04/26/2002	
	Agent:							Agent Ref. No:		
	TITLE: BIOLOGICAL TISSUE ADHESIVES, ARTICLES, AND METHODS									
	INVENTORS: Hendriks, Marc Verhoeven, Michel Cahalan, Patrick T. Larik, Vincent									

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P7565.00	US			F		LW091		TFW	09/340,440 06/28/1999	
	Agent:							Agent Ref. No:		
	TITLE: IMPLANTABLE DEVICE INCLUDING A POLYAMINO ACID COMPONENT									
	INVENTORS: Larik, Vincent Hendriks, Marc Cahalan, Patrick T. Verhoeven, Michel Cahalan, Linda L.									
P7640.08	US	D	06	F		LW091		TFW	09/946,495 09/06/2001	
	Agent:							Agent Ref. No:		
	TITLE: FOUR-CHAMBER PACING SYSTEM FOR OPTIMIZING CARDIAC OUTPUT AND DETERMINING HEART CONDITION									
	INVENTORS: Leinders, Robert Bakels, Arnoldus P. DeRoos, Cobus									
P7718.00	US			F		LW091		TFW	09/449,936 11/29/1999	
	Agent:							Agent Ref. No:		
	TITLE: MEDICAL ELECTRICAL LEAD HAVING BENDING STIFFNESSES WHICH INCREASE IN THE DISTAL DIRECTION									
	INVENTORS: Smits, Karel F.A.A.									
P7718.03	US	D	01	F		LW091		TFW	09/947,060 09/06/2001	
	Agent:							Agent Ref. No:		
	TITLE: MEDICAL ELECTRICAL LEAD HAVING BENDING STIFFNESSES WHICH INCREASE IN THE DISTAL DIRECTION									
	INVENTORS: Smits, Karel F.A.A.									
P7853.01	US	D	01	F		LW091		TFW	09/832,925 04/12/2001	
	Agent:							Agent Ref. No:		
	TITLE: APPARATUS AND METHOD FOR MEASURING THE AMOUNT OF FLUID CONTAINED IN AN IMPLANTABLE MEDICAL DEVICE									
	INVENTORS: Peer, Twan Bakels, Arnoldus P.									
P7856.02	US	D	01	F		LW091		TFW	09/799,709 03/07/2001	
	Agent:							Agent Ref. No:		
	TITLE: SYSTEM AND METHOD FOR OPTIMIZED BRAIN STIMULATION									
	INVENTORS: Gielen, Frans L H									
P7902.00	US			F		LW091		TFW	09/340,441 06/28/1999	
	Agent:							Agent Ref. No:		
	TITLE: METHOD FOR COATING IMPLANTABLE DEVICES									
	INVENTORS: Martinez, Gonzalo Taylor, John J Keeney, Kenneth W. Haller, Markus									
P7946.00	US			F		LW091		TFW	09/779,535 02/09/2001	
	Agent:							Agent Ref. No:		
	TITLE: METHODS FOR MODIFYING SURFACES OF ARTICLES									
	INVENTORS: Koullik, Edouard Cahalan, Patrick T. Iwata, Hiroo									
P8027.00	US			F		LW091		TFW	09/348,506 07/07/1999	
	Agent:							Agent Ref. No:		
	TITLE: SYSTEM FOR REMOTE COMMUNICATION WITH A MEDICAL DEVICE									
	INVENTORS: Ferek-Petric, Bozidar									

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel.	#	Type	Status	Group	Div.	Attorney	App No	Pat No.
P8032.00	US				F		LW091		TFW	09/842,404 04/26/2001	
	Agent:								Agent Ref. No:		
	TITLE: DIAGNOSTIC FEATURES IN BI-atrial AND/OR BI-VENTRICULAR PACING SYSTEMS										
	INVENTORS: Struble, Chester L.										
P8047.00	US				F		LW091		TFW	09/518,796 03/03/2000	
	Agent:								Agent Ref. No:		
	TITLE: SYSTEM AND METHOD FOR MONITORING AND CONTROLLING THE GLYCEMIC STATE OF A PATIENT										
	INVENTORS: Houben, Richard P M Larik, Vincent										
P8131.00	US				F		LW091		TFW	09/558,867 04/28/2000	
	Agent:								Agent Ref. No:		
	TITLE: CORONARY SINUS FLOW REGULATED PACING										
	INVENTORS: Ferek-Petric, Bozidar										
P8158.00	US				F		LW091		TFW	09/558,870 04/28/2000	
	Agent:								Agent Ref. No:		
	TITLE: ISCHEMIC HEART DISEASE DETECTION										
	INVENTORS: Ferek-Petric, Bozidar										
P8158.02	US	D	01		F		LW091		TFW	10/085,072 03/01/2002	
	Agent:								Agent Ref. No:		
	TITLE: ISCHEMIC HEART DISEASE DETECTION										
	INVENTORS: Ferek-Petric, Bozidar										
P8158.03	US	D	02		F		LW091		TFW	10/085,047 03/01/2002	
	Agent:								Agent Ref. No:		
	TITLE: ISCHEMIC HEART DISEASE DETECTION										
	INVENTORS: Ferek-Petric, Bozidar										
P8191.00	US				F		LW091		TFW	09/843,914 04/30/2001	
	Agent:								Agent Ref. No:		
	TITLE: METHODS FOR ADJUSTING CARDIAC DETECTION CRITERIA AND IMPLANTABLE MEDICAL DEVICES										
	USING SAME										
	INVENTORS: Ferek-Petric, Bozidar										
P8240.00	US				F		LW091		TFW	09/779,536 02/09/2001	
	Agent:								Agent Ref. No:		
	TITLE: HEPARIN COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME										
	INVENTORS: Koullik, Edouard										
P8278.00	US				F		LW091		TFW	09/842,879 04/27/2001	
	Agent:	Muetting, Raasch, Gebhardt							Agent Ref. No:	134.01550101	
	TITLE: CONTROL OF PACING RATE IN MODE SWITCHING IMPLANTABLE MEDICAL DEVICES										
	INVENTORS: Struble, Chester L. Dunham, David										
P8279.00	US				F		LW091		TFW	09/842,884 04/27/2001	
	Agent:								Agent Ref. No:		
	TITLE: COMMITTED VENTRICULAR SAFETY PACING										
	INVENTORS: Struble, Chester L.										
P8382.00	US				F		LW091		TFW	09/842,233 04/26/2001	
	Agent:								Agent Ref. No:		
	TITLE: HYSTERESIS ACTIVATION OF ACCELERATED PACING										
	INVENTORS: Struble, Chester L. Grandjean, Pierre A.										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel.	#	Type	Status	Group	Div.	Attorney	App No	Pat No.
P8418.00	US				F			LW091	TFW	09/353,619 07/15/1999	
	Agent:								Agent Ref. No:		
	TITLE: SYSTEM FOR PROVIDING MEDICAL ELECTRICAL STIMULATION										
	INVENTORS: Holsheimer, Jan										
P8553.00	US	P	01		F			LW091	TFW	09/519,562 03/06/2000	
	Agent:								Agent Ref. No:		
	TITLE: MEDICAL ELECTRICAL LEAD WITH INTERCHANGEABLE FIXATION MEMBER										
	INVENTORS: Camps, Antoine N J M (Toine) Duygens, Victor Kretzers, Leonardus J. C. Gerber, Martin T.										
P8553.01	US	D	01		F			LW091	TFW	10/132,513 04/26/2002	
	Agent:								Agent Ref. No:		
	TITLE: METHOD OF IMPLANTING A MEDICAL ELECTRICAL LEAD										
	INVENTORS: Camps, Antoine N J M (Toine) Duygens, Victor Kretzers, Leonardus J. C. Gerber, Martin T.										
P8564.00	US				F			LW091	TFW	10/131,417 04/25/2002	
	Agent:								Agent Ref. No:		
	TITLE: VENTRICULAR SAFETY PACING IN BIVENTRICULAR PACING										
	INVENTORS: Kramm, Berthold										
P8572.00	US				F			LW091	TFW	10/004,848 12/04/2001	
	Agent:								Agent Ref. No:		
	TITLE: PATIENT ACTIVATED ADMINISTRATION OF DRUG BOLUS FROM IMPLANTABLE DRUG DELIVERY SYSTEM										
	INVENTORS: Haller, Markus										
P8573.00	US				F			LW091	TFW	09/727,461 12/04/2000	
	Agent:								Agent Ref. No:		
	TITLE: MEDICAL DEVICE AND METHODS OF USE										
	INVENTORS: Hendriks, Marc										
P8580.03	US	D	01		F			LW091	TFW	09/947,433 09/07/2001	
	Agent:								Agent Ref. No:		
	TITLE: TEMPORARY MEDICAL ELECTRICAL LEAD HAVING BIODEGRADABLE ELECTRODE MOUNTING PAD LOADED WITH THERAPEUTIC DRUG										
	INVENTORS: Lindemans, Fredric W. Gebhardt, Ursula Hendriks, Marc										
P8623.00	US				F			LW091	TFW	09/842,232 04/26/2001	
	Agent:								Agent Ref. No:		
	TITLE: PVC RESPONSE-TRIGGERED BLANKING IN A CARDIAC PACING SYSTEM										
	INVENTORS: Struble, Chester L.										
P8722.00	US				F			LW091	TFW	09/779,537 02/09/2001	
	Agent:								Agent Ref. No:		
	TITLE: ECHOGENIC DEVICES AND METHODS OF MAKING AND USING SUCH DEVICES										
	INVENTORS: Koullik, Edouard										
P8799.00	US				F			LW091	TFW	10/127,033 04/22/2002	
	Agent:								Agent Ref. No:		
	TITLE: INSULIN-MEDICATED GLUCOSE UPTAKE MONITOR										
	INVENTORS: Houben, Richard P M										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P8892.00	US			F			LW091	TFW	09/727,462 12/04/2000	-----
	Agent:							Agent Ref. No:		
	TITLE: IMPLANTABLE MEDICAL DEVICE TELEMETRY CONTROL SYSTEMS AND METHODS OF USE INVENTORS: Ferek-Petric, Bozidar									
P8936.00	US			F			LW091	TFW	10/132,510 04/26/2002	-----
	Agent:							Agent Ref. No:		
	TITLE: CAPTURE MANAGEMENT IN MULTI-SITE PACING INVENTORS: Ferek-Petric, Bozidar									
P8937.00	US			F			LW091	TFW	10/126,604 04/22/2002	-----
	Agent:							Agent Ref. No:		
	TITLE: DETECTING COAGULUM FORMATION INVENTORS: Eick, Olaf J.									
P8943.00	US			F			LW091	TFW	09/742,118 12/22/2000	-----
	Agent:							Agent Ref. No:		
	TITLE: IMPLANTABLE MEDICAL DEVICE PROGRAMMING WANDS HAVING INTEGRAL INPUT DEVICE INVENTORS: Ferek-Petric, Bozidar									
P8946.00	US			F			LW091	TFW	10/132,320 04/26/2002	-----
	Agent:							Agent Ref. No:		
	TITLE: ULTRASONIC SEPTUM MONITORING FOR IMPLANTABLE MEDICAL DEVICES INVENTORS: Houben, Richard P M Donders, Adrianus P. (Jos)									
P8975.00	US			F			LW091	TFW	09/449,934 11/29/1999	-----
	Agent:							Agent Ref. No:		
	TITLE: MEDICAL ELECTRICAL LEAD HAVING VARIABLE BENDING STIFFNESS INVENTORS: Smits, Karel F.A.A.									
P8975.03	US	D	01	F			LW091	TFW	09/947,065 09/06/2001	-----
	Agent:							Agent Ref. No:		
	TITLE: MEDICAL ELECTRICAL LEAD HAVING VARIABLE BENDING STIFFNESS INVENTORS: Smits, Karel F.A.A.									
P9030.00	US			F			LW091	ERW	09/535,840 03/28/2000	-----
	Agent:							Agent Ref. No:		
	TITLE: PANCREATIC SECRETION RESPONSE TO STIMULATION TEST PROTOCOL INVENTORS: Marchal, Benoit									
P9073.00	US			F			LW091	TFW	09/765,506 01/18/2001	-----
	Agent:							Agent Ref. No:		
	TITLE: MINIATURIZED DRUG DELIVERY DEVICES SYSTEMS AND METHODS INVENTORS: Haller, Markus Clement, Claude									
P9085.00	US	P	01	F			LW091	TFW	09/765,484 01/18/2001	-----
	Agent:							Agent Ref. No:		
	TITLE: SYSTEM AND METHOD OF COMMUNICATING BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE COMPUTER SYSTEM OR HEALTH CARE PROVIDER INVENTORS: Haller, Markus Donders, Adrianus P. (Jos) Ferek-Petric, Bozidar									
P9206.00	US			F			LW091	TFW	10/126,516 04/22/2002	-----
	Agent:							Agent Ref. No:		
	TITLE: CARDIAC RESYNCHRONIZATION WITH ADAPTIVE A1-A2 AND OR V1-V2 INTERVALS INVENTORS: Struble, Chester L. Grandjean, Pierre A.									

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P9258.00	US			F			LW091	TFW	10/132,509 04/26/2002	
	Agent:							Agent Ref. No:		
	TITLE: ABLATION METHOD AND MEDICAL APPARATUS USING SAME									
	INVENTORS: Ferek-Petric, Bozidar									
P9416.00	US	P	01	F			LW091	TFW	09/764,700 01/18/2001	
	Agent:							Agent Ref. No:		
	TITLE: SYSTEM AND METHOD FOR EMERGENCY COMMUNICATION BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE COMPUTER SYSTEM OF HEALTH CARE PROVIDER									
	INVENTORS: Haller, Markus Ferek-Petric, Bozidar Donders, Adrianus P. (Jos)									
P9417.00	US	P	01	F			LW091	TFW	09/765,218 01/18/2001	
	Agent:							Agent Ref. No:		
	TITLE: SYSTEM AND METHOD OF AUTOMATED INVOICING FOR COMMUNICATIONS BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE COMPUTER SYSTEM FOR HEALTH PROVIDER									
	INVENTORS: Haller, Markus Ferek-Petric, Bozidar Donders, Adrianus P. (Jos)									
P9418.00	US	P	01	F			LW091	TFW	09/764,681 01/18/2001	
	Agent:							Agent Ref. No:		
	TITLE: SYSTEM AND METHOD FOR REMOTE PROGRAMMING OF AN IMPLANTABLE MEDICAL DEVICE									
	INVENTORS: Haller, Markus Ferek-Petric, Bozidar Donders, Adrianus P. (Jos)									
P9436.00	US			F			LW091	TFW	09/842,147 04/26/2001	
	Agent:							Agent Ref. No:		
	TITLE: PRESSURE- MODULATED RATE-RESPONSIVE CARDIAC PACING									
	INVENTORS: Struble, Chester L.									
P9437.00	US			F			LW091	TFW	10/126,538 04/22/2002	
	Agent:							Agent Ref. No:		
	TITLE: IMPLANTABLE DRUG DELIVERY SYSTEM RESPONSIVE TO INTRA-CARDIAC PRESSURE									
	INVENTORS: Struble, Chester L.									
P9440.00	US			F			LW091	TFW	09/842,148 04/26/2001	
	Agent:							Agent Ref. No:		
	TITLE: DRUG DELIVERY FOR TREATMENT OF CARDIAC ARRHYTHMIA									
	INVENTORS: Struble, Chester L.									
P9463.00	US			F			LW091	TFW	10/126,858 04/22/2002	
	Agent:							Agent Ref. No:		
	TITLE: PRESSURE-MODULATED ENERGY LEVEL FOR PACING PULSES									
	INVENTORS: Struble, Chester L.									
P9464.00	US			F			LW091	TFW	10/126,539 04/22/2002	
	Agent:							Agent Ref. No:		
	TITLE: CARDIAC RESTRAINT WITH ELECTRODE ATTACHMENT SITES									
	INVENTORS: Struble, Chester L. Grandjean, Pierre A. Zeijlemaker, Volkert A. Smits, Karel F.A.A.									

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel. Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P9473.00	US		F			LW091	TFW	09/879,282 06/12/2001	
	Agent:						Agent Ref. No:		
	TITLE:	DEEP TRENCH SEMICONDUCTOR CAPACITORS HAVING REVERSE BIAS DIODES FOR IMPLANTABLE MEDICAL DEVICES							
	INVENTORS:	Houben, Richard P M Weijand, Koen J.							
P9475.00	US		F			LW091	TFW	10/001,148 11/15/2001	
	Agent:						Agent Ref. No:		
	TITLE:	MYOCARDIAL PERFORMANCE ASSESSMENT							
	INVENTORS:	Corbucci, Giorgio							
P9491.00	US		F			LW091	TFW	09/842,813 04/27/2001	
	Agent:						Agent Ref. No:		
	TITLE:	CLOSED LOOP NEUROMODULATION FOR SUPPRESSION OF EPILEPTIC ACTIVITY							
	INVENTORS:	Wadman, Wytse Gielen, Frans L H							
P9511.00	US		F			LW091	TFW	10/126,537 04/22/2002	
	Agent:						Agent Ref. No:		
	TITLE:	BURR HOLE ASSEMBLY FOR STEREOTACTIC FIXATION OF A BRAIN PROBE							
	INVENTORS:	Gielen, Frans L H Cornu, Philippe							
P9557.00	US		F			LW091	TFW	09/909,999 07/23/2001	
	Agent:						Agent Ref. No:		
	TITLE:	CELL- BASED BIOSENSORS SUITABLE FOR IMPLANTABLE MEDICAL DEVICE APPLICATIONS							
	INVENTORS:	Houben, Richard P M Larik, Vincent							
P9648.00	US		F			LW091	TFW	10/126,522 04/22/2002	
	Agent:						Agent Ref. No:		
	TITLE:	ANTI-TACHYCARDIA PACING BASED ON MULTI-SITE ELECTROGRAMS							
	INVENTORS:	Struble, Chester L.							
P9711.00	US		L F			LW091	TFW	60/371,543 04/11/2002	
	Agent:						Agent Ref. No:		
	TITLE:	METHOD AND APPARATUS FOR AUTOMATIC SHUTDOWN OF HIGH FREQUENCY DELIVERY UPON CATHETER DISLOCATION							
	INVENTORS:	Eick, Olaf J. Feron, John C.M.J.							
P9774.00	US		L F			LW091	TFW	60/333,762 11/29/2001	
	Agent:						Agent Ref. No:		
	TITLE:	TRANS-SEPTAL MEDICAL ELECTRICAL LEADS AND METHODS OF STIMULATING A HEART							
	INVENTORS:	Struble, Chester L. Prinzen, Frits W. Smits, Karel F.A.A. Muhlenberg, Lambert Grandjean, Pierre A. Michels, Koen Lohkoff, Nicolaas M.							
P9781.00	US		F			LW091	TFW	10/008,773 12/05/2001	
	Agent:						Agent Ref. No:		
	TITLE:	DIRECTIONAL BRAIN STIMULATION AND RECORDING LEADS							
	INVENTORS:	Van Venrooij, Paulus Gielen, Frans L H Mullett, Keith R. Duygens, Victor Gruia, Dan							

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel. Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P9897.00	US			F		LW091	TFW	10/131,256 04/25/2002	
Agent: TITLE: ULTRASOUND METHODS AND IMPLANTABLE MEDICAL DEVICES USING SAME INVENTORS: Ferek-Petric, Bozidar Breyer, Branko							Agent Ref. No:		
P9929.00	US			F		LW091	TFW	10/127,041 04/22/2002	
Agent: TITLE: ANTI-SLIP LEADS FOR PLACEMENT WITHIN TISSUE INVENTORS: Struble, Chester L. Grandjean, Pierre A. Smits, Karel F.A.A.							Agent Ref. No:		

98 TOTAL RECORDS REPORTED